


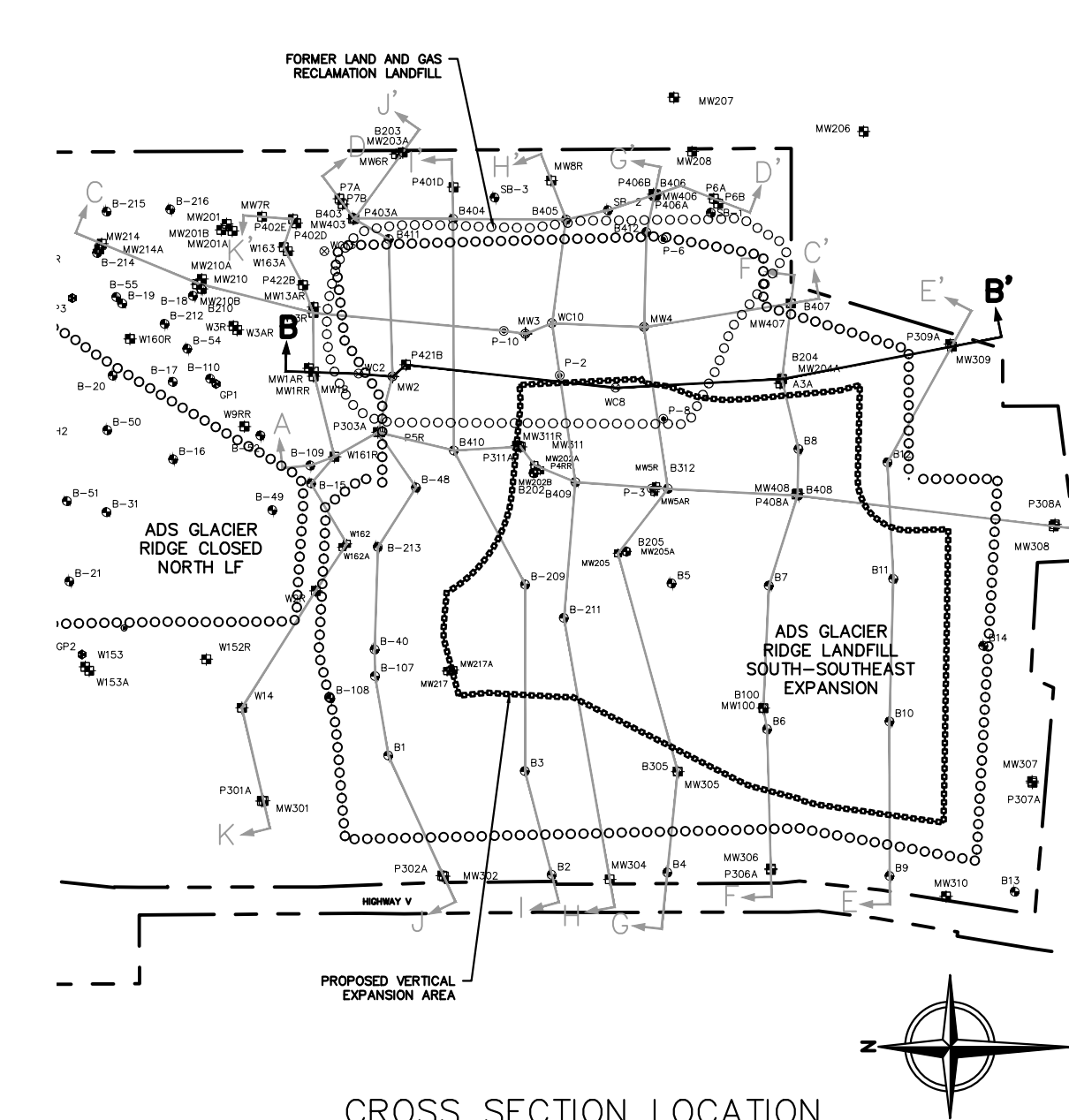


SYMBOLS AND TEST RESULTS	
LI	LIQUID LIMIT
PL	PLASTICITY INDEX
NP	NON-PLASTIC
OC	ORGANIC CONTENT (%)
MC	MOISTURE CONTENT (%)
Kv	LABORATORY VERTICAL HYDRAULIC CONDUCTIVITY (cm/sec)
K _h	FIELD HORIZONTAL HYDRAULIC CONDUCTIVITY (cm/sec)
G _{70/42/28}	PERCENT GRAVEL, SAND, SILT, AND CLAY
G _{60/10}	PERCENT GRAVEL, SAND, AND SILT PLUS CLAY
(D ₁₆)	GROUNDWATER ELEVATION ON 4/4/11 (FEET ABOVE MEAN SEA LEVEL)
	WATER TABLE (SEE NOTE 5)
	CONTACT BETWEEN MAJOR GEOLOGIC UNITS (DASHED WHERE INFERRED)
	BEDROCK SURFACE (SEE NOTE 6)



GENERAL DESCRIPTION OF MAJOR GEOLOGIC UNITS:

UNCONSOLIDATED DEPOSITS

ORGANIC SOILS

GENERALLY BLACK PEAT (PT), FIBROUS TO WEATHERED, WITH MINOR AMOUNTS OF ORGANIC SILT (CL) AND/OR CLAY (CH) DEPOSITED IN WETLANDS.

GLACIOLAUSTINE SEDIMENTS

GENERALLY GRAY OR DARK GRAY SILT AND CLAY (CL, CL-ML, ML), DEPOSITED IN A GLACIAL LAKE ENVIRONMENT. INCLUDES DISCONTINUOUS LENSES OF GLACIOFLUVIAL SAND AND GRAVEL.

GLACIAL TILL

GENERALLY BROWN OR GRAY SILT, SANDY DIAMICTON (SM, GM, ML) DEPOSITED BY OR FROM GLACIAL ICE AS BASAL TILL. INCLUDES DISCONTINUOUS LENSES OF SAND AND SILT/CLAY. TWO TILL UNITS MAY BE PRESENT, INCLUDING THE HORMER FEMUR OF THE HOLY HILL FORMATION AND AN OLDER TILL THAT IS DENSE AND GRAYER IN COLOR. THE LOWER TILL IN SOME LOCATIONS INCLUDES WEATHERED SHALE BEDROCK.

GLACIOFLUVIAL SEDIMENTS

GENERALLY GRAY SAND AND GRAVEL (SP-GM, SP-SM, SW, GW) DEPOSITED BY GLACIAL MELTWATER. INCLUDES DISCONTINUOUS LENSES OF SILT/CLAY.

BEDROCK

SHALE - MAQUETTE FORMATION

GREENISH GRAY SHALE WITH GLACIOFLUVIAL BEDS. CLAY COMPOSITION IS PRIMARILY LLTIE. LATE ORDOVICIAN AGE.

DOLOMITE - SINNIPER GROUP

WHITE TO LIGHT GRAY MASSIVE DOLOMITE AND SHALY DOLOMITE, WITH CERTAIN AREAS OF REDDISH BROWN SHALE.

CROSS SECTION LOCATION
SCALE: 1" = 600'

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7
PROJECT NO.
180250